AMENDMENTS

Please amend the application as indicated hereafter.

In the Claims

Please add the following new claims:

4.   (Newly Added) A system for communication of video information over a network, comprising:

a first object-oriented coder for dividing data into object macroblocks and background macroblocks, for allocating a higher data transmission rate to the object macroblocks than to the background macroblocks, and for assigning a higher number of error control overhead bits to the object macroblocks than to the background macroblocks.

5.   (Newly Added) The system of claim 4, wherein the first object-oriented coder comprises a first processor and a first memory.

6.   (Newly Added) The system of claim 5, further comprising a second object-oriented coder that receives a location vector and at least one motion vector of an object macroblock in a previous frame, the location vector and the at least one motion vector corresponds to location of an object macroblock that is missing in a current frame, and replaces the object macroblock that is missing in the current frame with the object macroblock in the previous frame.

7.   (Newly Added) The system of claim 6, wherein the second object-oriented coder comprises a second processor and a second memory.

8.   (Newly Added) A method for communicating video information over a network, comprising the steps of:

dividing data into object macroblocks and background macroblocks;

allocating a higher data transmission rate to the object macroblocks than to the background macroblocks; and

assigning a higher number of error control overhead bits to the object macroblocks than to the background macroblocks.

9.   (Newly Added) The method of claim 8, whereby the allocating is performed by a first processor.

10.   (Newly Added) The method of claim 9, further comprising the steps of:

receiving a location vector and at least one motion vector of an object macroblock in a previous frame, the location vector and the at least one motion vector corresponding to location of an object macroblock that is missing in a current frame; and

replacing the object macroblock that is missing in the current frame with the object macroblock in the previous frame.

11.   (Newly Added) A system for communicating video information over a network, comprising:

means for dividing data into object macroblocks and background macroblocks; and

means for allocating a higher data transmission rate to the object macroblocks than to the background macroblocks, the means for allocating is also a means for

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assigning a higher number of error control overhead bits to the object macroblocks than to the background macroblocks.

12.   (Newly Added) The system of claim 11, wherein the means for allocating is a first processor.

13.   (Newly Added) The system of claim 12, further comprising:

means for receiving a location vector and at least one motion vector of an object macroblock in a previous frame, the location vector and the at least one motion vector corresponding to location of an object macroblock that is missing in a current frame; and

means for replacing the object macroblock that is missing in the current frame with the object macroblock in the previous frame.

14.   (Newly Added) The system of claim 13, wherein the means for receiving is a second processor and the means for replacing is the second processor.

15.   (Newly Added) A computer readable medium having a computer program for communicating video information over a network, the program performing the steps of:

dividing data into object macroblocks and background macroblocks;

allocating a higher data transmission rate to the object macroblocks than to the background macroblocks; and

assigning a higher number of error control overhead bits to the object macroblocks than to the background macroblocks.

16. (Newly Added) The computer program of claim 15, further performing the steps of:

receiving a location vector and at least one motion vector of an object macroblock in a previous frame, the location vector and the at least one motion vector corresponding to location of an object macroblock that is missing in a current frame; and

replacing the object macroblock that is missing in the current frame with the object macroblock in the previous frame.